

XX SQ Sequence 6 AA;
 Query Match 75.6%; Score 34; DB 21; Length 6;
 Best Local Similarity 66.7%; Pred. No. 9.3e+05;
 Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1 WVRWHF 6
 DB 1 WXXWHF 6

RESULT 7
 AAR01504
 ID AAR01504 standard; peptide; 6 AA.
 AC AAR01504;
 DT 08-NOV-2000 (first entry)
 XX Peptide which binds to transcription factor E2F-1 DNA binding domain.
 DE
 XX DNA binding; transcription factor; E2F; E2F-1; cell cycle; DP-1;
 KW activation; transcription; apoptosis; proliferative disorder;
 KW psoriasis; restenosis.
 XX Synthetic.
 OS
 XX WO200044771-A1.
 PN
 XX 03-AUG-2000.
 PD
 XX 26-JAN-2000; 2000WO-GB00227.
 PF
 XX 26-JAN-1999; 99GB-0001710.
 PR
 XX (PROL-) PROLIFIX LTD.
 PA
 PI Mueller R, Kontermann RE, Montigiani S;
 DR WPI; 2000-532806/48.
 XX Peptides binding to the DNA binding domain of transcription factor E2F
 PT and inhibiting cell cycle progression, useful for the treatment of
 PT cancer
 XX Example; Page 26; 42pp; English.
 PS
 XX Peptides which bind to the DNA binding domain of transcription
 CC factor E2F and inhibit cell cycle progression may be useful as
 CC research agents to investigate the interaction between E2F and DP-1,
 CC or the activation of transcription by E2F-1/DP-1 heterodimers. They
 CC may also be used for inducing apoptosis and/or cell cycle arrest in
 CC a cell, particularly for treatment of cancer or other proliferative
 CC disorders such as psoriasis and restenosis.
 XX
 XX Sequence 6 AA;
 Query Match 75.6%; Score 34; DB 21; Length 6;
 Best Local Similarity 100.0%; Pred. No. 9.3e+05;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 2 VVRWHF 6
 DB 2 VRWHF 6

RESULT 8
 AAR60429
 ID AAR60429 standard; peptide; 8 AA.
 XX AAR60429;

XX SQ Sequence 6 AA;
 Query Match 75.6%; Score 34; DB 21; Length 6;
 Best Local Similarity 66.7%; Pred. No. 9.3e+05;
 Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1 WVRWHF 6
 DB 1 WXXWHF 6

RESULT 9
 AAR60444
 ID AAR60444 standard; peptide; 8 AA.
 AC AAR60444;
 DT 25-MAR-2003 (updated)
 XX Antiproliferative peptide to transplantable human B-cell lymphoma.
 DE
 XX 30-MAR-1995 (first entry)
 XX Antiproliferative peptide to transplantable human B-cell lymphoma.
 DE
 XX antiproliferative; transplant; B-cell lymphoma line SUP-B8; Burkitt's;
 KW inhibit clonal expansion; induce apoptosis; anti-idiotypic; IGM lambda;
 KW inhibit cell proliferation; peptidomimetics; cell surface receptor;
 KW immunoglobulin superfamily; treatment; neoplasia; identification;
 KW induce replication; therapy; clonal anergy; modulate tyrosine kinase.
 XX Synthetic.
 OS
 XX WO9418345-A1.
 PN
 XX 18-AUG-1994.
 PD
 XX 04-FEB-1994; 94WO-US01319.
 PF
 XX 05-FEB-1993; 93US-0014426.
 PR
 XX 15-NOV-1993; 93US-0153341.
 XX (AFFY-) AFFYMAX TECHNOLOGIES NV.
 PA (STRD) UNIV LELAND STANFORD JUNIOR.
 PI Bhatt RR, Dower WJ, Levy R, Renschler MF;
 XX WPI; 1994-279762/34.
 DR
 XX Identifying anti-proliferative peptide(s) which specifically bind
 PT to immunoglobulin super-family species idiotype - esp. to inhibit
 PT B-cell lymphoma and leukocytic leukaemia cell proliferation, for
 PT anti-idiotypic therapy
 XX Claim 7; Page 45; 69pp; English.
 PS
 XX AAR60400-73 are peptide ligands which bind to purified IGM lambda
 CC receptor of the human Burkitt's lymphoma cell line SUP-B8. Peptides
 CC AAR60414 to AAR60473 were biotinylated and linked to streptavidin.
 CC The peptides were identified with the use of filamentous phage
 CC libraries displaying random peptides. Corresponding synthetic
 CC peptides bound specifically to this Ig receptor, and blocked the
 CC binding of an anti-idiotypic antibody. The ligands, when conjugated
 CC to form dimers or tetramers, induced cell death by apoptosis in
 CC vitro at nanomolar concentrations. This effect was associated with
 CC the specific stimulation of intracellular protein tyrosine
 CC phosphorylation. The peptides of the invention can be used individually,
 CC as complexes of cross-linked peptides or can be conjugated to deliver
 CC toxins or radionuclides to neoplastic cells bearing the specific Ig
 CC receptor.
 CC (Updated on 25-MAR-2003 to correct PN field.)
 XX Sequence 8 AA;
 Query Match 75.6%; Score 34; DB 15; Length 8;
 Best Local Similarity 80.0%; Pred. No. 9.3e+05;
 Matches 4; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1 WVRWH 5
 DB 3 WVRWH 7

RESULT 9
 AAR60444
 ID AAR60444 standard; peptide; 8 AA.
 AC AAR60444;
 DT 25-MAR-2003 (updated)
 XX Antiproliferative peptide to transplantable human B-cell lymphoma.
 DE
 XX 30-MAR-1995 (first entry)
 XX Antiproliferative peptide to transplantable human B-cell lymphoma.
 DE

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02-OCT-1998 (first entry)
 ELAM-1 peptide mimetic #119.
 Endothelial leukocyte adhesion molecule 1; ELAM-1; inflammation;
 selectin; diagnosis; mimetic.
 Synthetic.
 US5728802-A.
 17-MAR-1998.
 12-MAY-1995; 95US-0439817.
 12-MAY-1995; 95US-0439817.
 06-MAY-1992; 92US-0881395.
 05-MAY-1993; 93US-0057295.
 11-MAY-1994; 94US-0241054.
 (AFFY-) AFFYMAX TECHNOLOGIES NV.
 Barrett RW, Cwirla SE, Dower WJ, Koller KJ, Lee J;
 Martens CL, Ruhland B;
 WPI; 1998-249882/22.
 Peptide(s) or their mimetic(s) that bind to E-selectin - useful for,
 e.g. treating conditions mediated by E-selectin such as inflammatory
 condition(s)
 Example 2; Column 91-92; 84pp; English.
 AAW63846-W64054 are peptides and peptide mimetics that bind selectins
 including endothelial leukocyte adhesion molecule 1 (ELAM-1) and can be
 used for blocking adhesion of leukocytes to the selectins. The peptides
 have applications for the treatment of conditions mediated by
 E-selectin, e.g. inflammatory conditions. They can also be used for
 diagnostic purposes, e.g. for identifying the vascular site of E-selectin
 in vivo or can be coupled to anti-inflammatory or other drugs.
 (Updated on 25-MAR-2003 to correct PF field.)
 Query Match 68.9%; Score 31; DB 19; Length 10;
 Best Local Similarity 100.0%; Pred. No. 56;
 Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 WVRW 4
 Db ||||
 6 WVRW 9
 RESULT 22
 AAW63958
 ID AAW63958 standard; peptide; 10 AA.
 AC AAW63958;
 DT 07-JUL-1993 (first entry)
 DE Peptide for treating septic shock.
 KW Toxic shock; blood endotoxin removal; serum; diagnostic reagent;
 KW cytokine release control; treatment; pertussis; bacterial meningitis;
 KW HIV related infections; polymyxin B; Group II.
 Synthetic.
 Key Location/Qualifiers
 FT Region 1..3 /note= "repeat region"
 FT Region 4..6 /note= "repeat region"
 FT FT
 FT FT
 PN ZA9200943-A.
 XX
 PD 25-NOV-1992.
 XX
 PF 10-FEB-1992; 92ZA-0000943.
 XX
 XX 11-FEB-1991; 91US-0658744.
 XX (FORR/) PORRO M.
 XX PA
 XX PI Porro M;

02-OCT-1998 (first entry)
 ELAM-1 peptide mimetic #119.
 Endothelial leukocyte adhesion molecule 1; ELAM-1; inflammation;
 selectin; diagnosis; mimetic.
 Synthetic.
 US5728802-A.
 17-MAR-1998.
 12-MAY-1995; 95US-0439817.
 12-MAY-1995; 95US-0439817.
 06-MAY-1992; 92US-0881395.
 05-MAY-1993; 93US-0057295.
 11-MAY-1994; 94US-0241054.
 (AFFY-) AFFYMAX TECHNOLOGIES NV.
 Barrett RW, Cwirla SE, Dower WJ, Koller KJ, Lee J;
 Martens CL, Ruhland B;
 WPI; 1998-249882/22.
 Peptide(s) or their mimetic(s) that bind to E-selectin - useful for,
 e.g. treating conditions mediated by E-selectin such as inflammatory
 condition(s)
 Example 2; Column 93-94; 84pp; English.
 AAW63846-W64054 are peptides and peptide mimetics that bind selectins
 including endothelial leukocyte adhesion molecule 1 (ELAM-1) and can be
 used for blocking adhesion of leukocytes to the selectins. The peptides
 have applications for the treatment of conditions mediated by
 E-selectin, e.g. inflammatory conditions. They can also be used for
 diagnostic purposes, e.g. for identifying the vascular site of E-selectin
 in vivo or can be coupled to anti-inflammatory or other drugs.
 (Updated on 25-MAR-2003 to correct PF field.)
 Query Match 68.9%; Score 31; DB 19; Length 10;
 Best Local Similarity 100.0%; Pred. No. 56;
 Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 WVRW 4
 Db ||||
 6 WVRW 9
 RESULT 21
 AAW63958
 ID AAW63958 standard; peptide; 10 AA.
 AC AAW63958;
 DT 25-MAR-2003 (updated)
 DT 02-OCT-1998 (first entry)
 DE ELAM-1 peptide mimetic #113.
 KW Endothelial leukocyte adhesion molecule 1; ELAM-1; inflammation;
 KW selectin; diagnosis; mimetic.
 Synthetic.
 US5728802-A.
 17-MAR-1998.